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(54) IMAGE PROCESSOR

to input images.

(57) Abstract:

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PURPOSE: To prevent memory overflow error by setting an optimum recording area based on an input image size, immediately storing compressed data together with the compression of inputted image data and correcting the storage area corresponding to the amount of these data.

CONSTITUTION: An image reader 11 inputs images as image data and an input image data amount counter 12 decides the size. A compressor 13 compresses the input image data and stores them in an image memory 18. At such a time, a compressed image data amount counter 14 counts the amount of compressed data. Then, a control circuit 17 manages the data stored area units and empty areas of the memory 18 and stores the compressed data by selecting the area for storing the compressed data out of the empty areas based on the input image size decided by the counter 12. After the storage, the storage area of compressed data is corrected based on the data amount of compressed data. Thus, as a result, the compressed data are stored in the empty area provided with the optimum storage area even when the amount of compressed data is not fixed at a time point

